

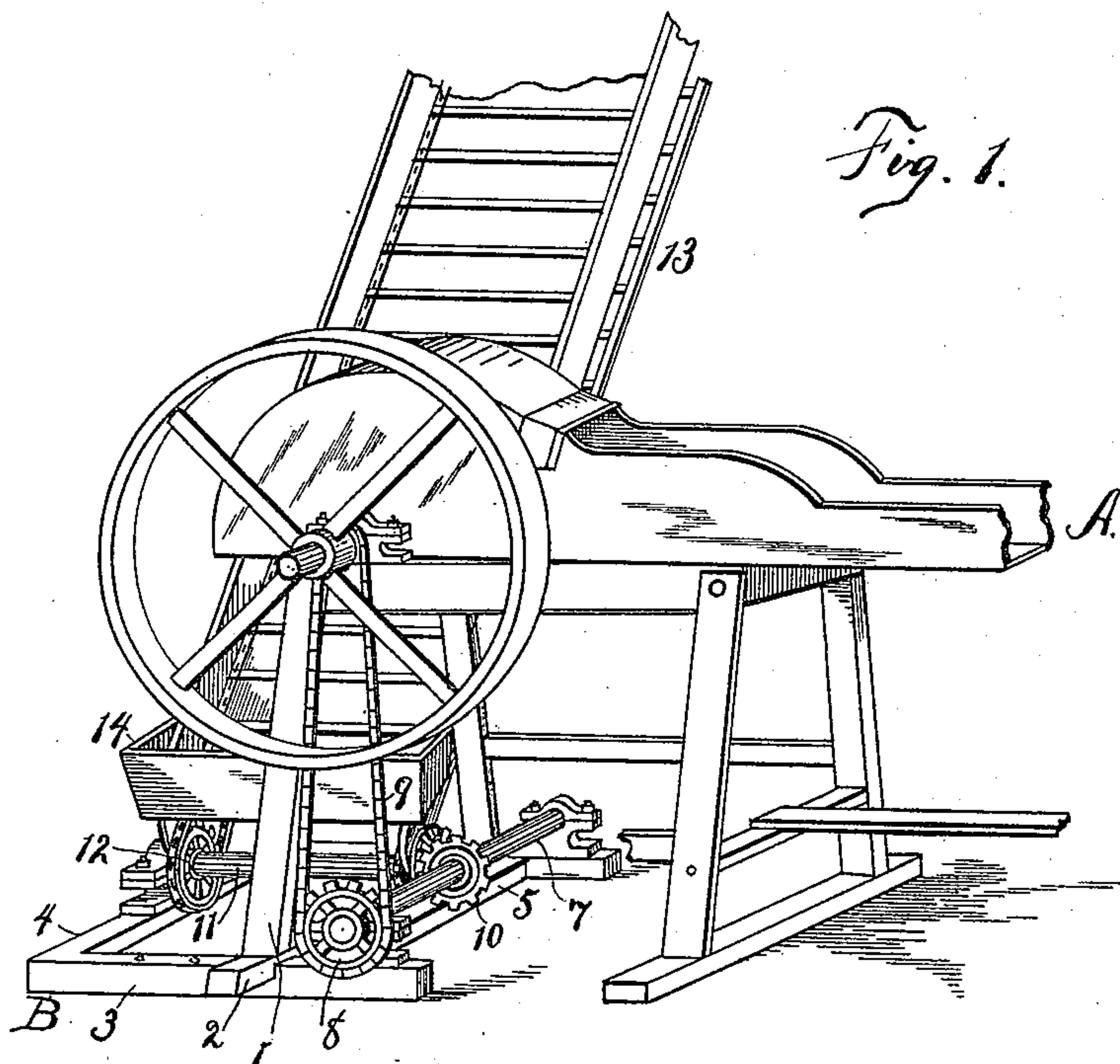
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3 Sheets—Sheet 1.

H. H. KENDRICK.
STRAW CUTTER ATTACHMENT.

No. 451,056.

Patented Apr. 28, 1891.



Witnesses
E. V. Mack.
A. W. Elmer

Wilbur H. Kendrick Inventor

By his Attorneys

Smith & Denison

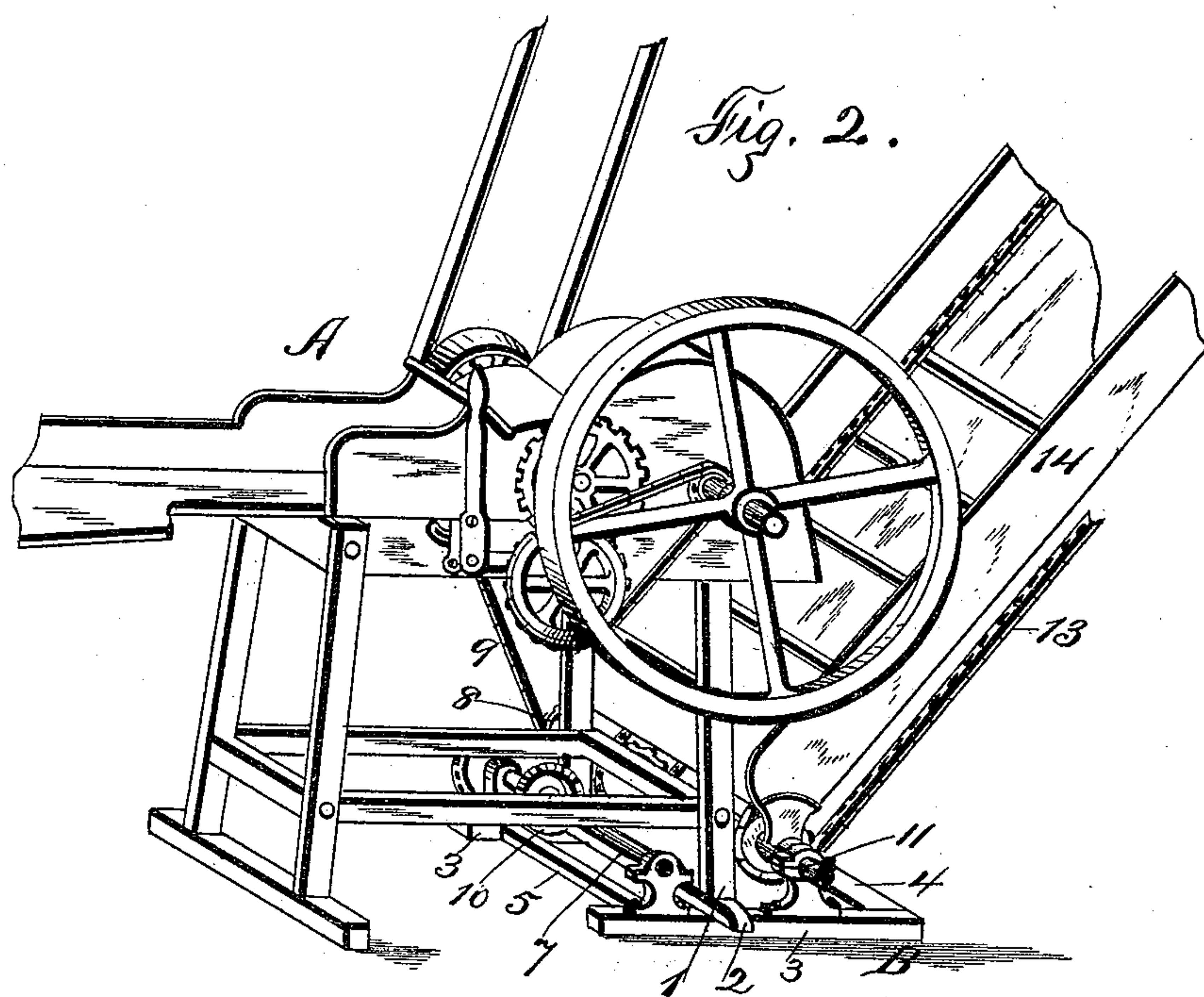
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3 Sheets—Sheet 2.

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(No Model.)

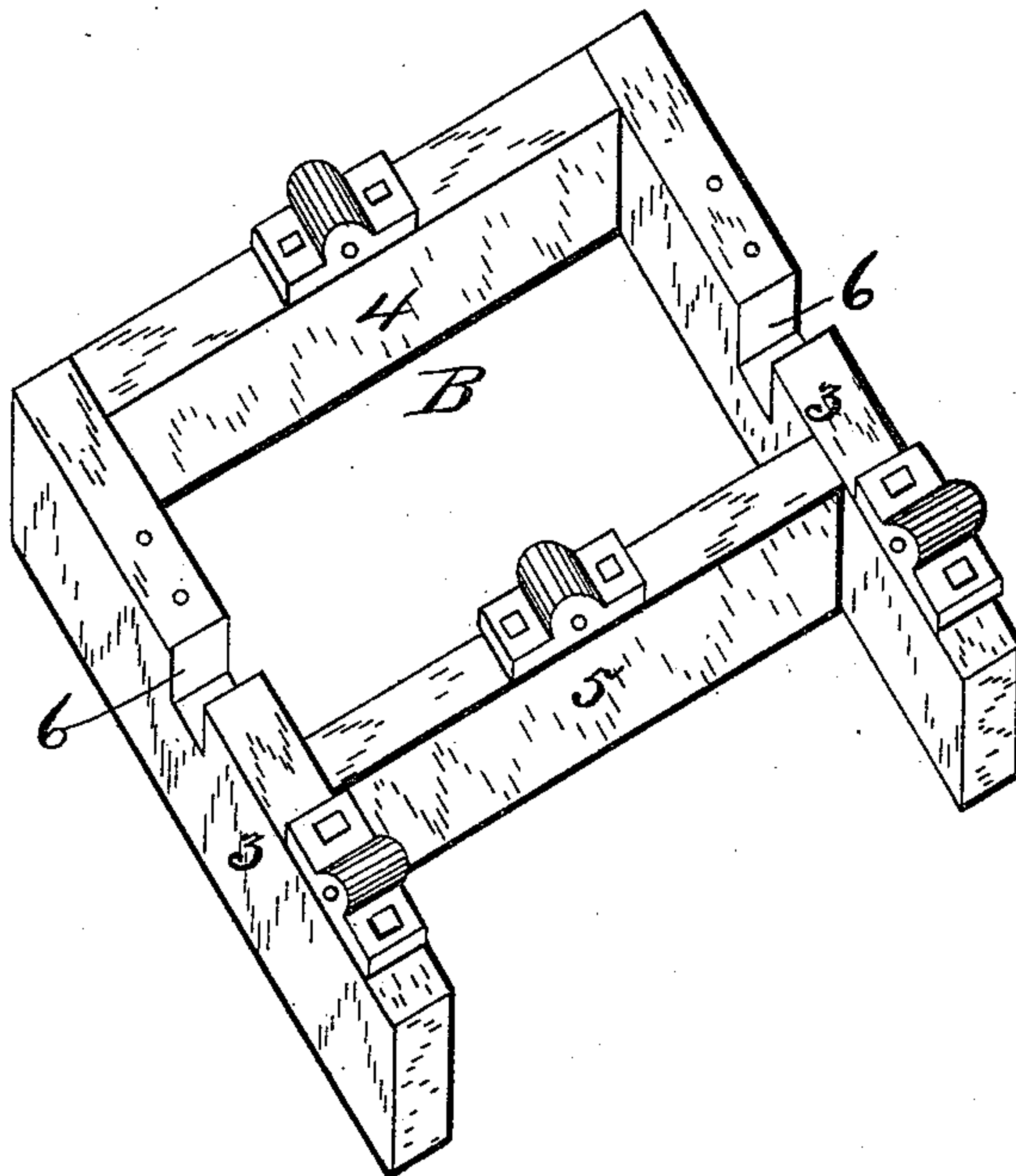
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Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

HILAND H. KENDRICK, OF FULTON, NEW YORK.

STRAW-CUTTER ATTACHMENT.

SPECIFICATION forming part of Letters Patent No. 451,056, dated April 28, 1891.

Application filed November 26, 1889. Serial No. 331,674. (No model.)

To all whom it may concern:

Be it known that I, HILAND H. KENDRICK, of Fulton, in the county of Oswego, in the State of New York, have invented new and useful Improvements in Straw-Cutter Attachments, of which the following, taken in connection with the accompanying drawings, is a full, clear, and exact description.

This invention relates to straw-cutters, and especially to devices for supporting the foot of an elevator used to carry away the cut material.

The object of my invention is to produce a separate attachment applicable to any power-cutter, consisting of a separate frame adapted to receive the forward legs of the cutter and extending forward and rearward thereof and carrying the shafting and gearing to operate the elevator-apron and adapted to be shifted so as to bring the elevator in front of the cutter or upon either side thereof, so as to carry the cut material to the front or to either side of the machine.

My invention consists in the several novel features of construction and operation hereinafter described, and specifically set forth in the claim annexed. It is constructed as follows, reference being had to the accompanying drawings, in which—

Figure 1 is an isometrical elevation of the straw-cutter, having the elevator attached, so as to conduct the material away to one side. Fig. 2 is a like view of the same with the elevator attached, so as to throw the material to the front; and Fig. 3 is an isometrical view of the frame carrying the foot of the elevator detached.

A is the straw-cutter, of any desired construction, provided with front legs 1, which are connected at their lower ends by the base 2, and as the working parts of this straw-cutter do not perform a part of this invention I will not here describe them in detail.

B is a rectangular frame consisting of the side bar 3 3, the end bar 4, and a cross-bar 5, and each of the side bars is provided with a vertical notch 6, and the base 2 fits in those notches. Upon the side bars I erect the boxes, in which the shaft 7 is journaled, carrying on its outer end a sprocket 8, and the belt 9, passing around this sprocket, transmits the power

from the shaft of the drive-wheel to the shaft 7, and thence by the bevel-gears 10 to the shaft 11, upon which are mounted the pulleys which drive the elevator-belt 13. 14 is the elevator, the foot of which is so arranged and mounted upon its supports upon the frame B as to be in proper position to receive the cut material. This is a construction shown in Fig. 1, in which the cut material is to be conducted to one side.

In Fig. 2, where the material is to be delivered in front, the shaft 11 has been shifted, so as to stand transversely across the frame by moving its journal-boxes and the shaft and the foot of the elevator to that position, and the sprocket 8 is removed from the shaft 7 and put onto the outer end of the shaft 11, and the driving-belt thus leads directly from the main shaft to the sprocket on the shaft 11 and drives this shaft entirely independent of the shaft 7. It will be observed that this changing of the elevator from either side to the front is accomplished without moving the cutter or without moving the frame itself, and thus without disturbing the set of the straw-cutter by simply shifting the shaft, which drives the elevator-belt from a position longitudinal to the frame to a position transverse thereto. It will be further observed that this frame is of such construction that it can be manufactured separate from the straw-cutter and applied to any straw-cutter using an elevator.

What I claim is—

The combination, with a straw-cutter, of a rectangular frame consisting of side bars notched to receive the front legs of the straw-cutter, cross-bars connecting the side bars, journal-boxes mounted upon the cross-bars and adapted to be changed over to the side bars, a shaft mounted in said journal-boxes and carrying the foot of the elevator, gearing upon said shaft carrying the elevator-belt, and means to rotate said shaft.

In witness whereof I have hereunto set my hand this 21st day of November, 1889.

HILAND H. KENDRICK.

In presence of—

ARRIN RICE,
EMMA COATES.